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JSC-12691

PROGRAM DOCUMENTATIONS:

MARQTY1.FTN
CAMDATA1.FTN

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Job Order 74-903

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EARTH OBSERVATIONS DIVISION

SPACE AND LIFE SCIENCES DIRECTORATE



National Aeronautics and Space Administration
LYNDON B. JOHNSON SPACE CENTER
Houston, Texas

August 1978

LEC-12376

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16. Abstract Two special purpose computer programs written in support of the Large Area Crop Inventory Experiment (LACIE) interactive aggregation system are described. Computer program MARQTY1.FTN computes a summary of the data on one of the files used by the interactive aggregation systems. Computer program CAMDATA1.FTN summarizes a Classification Mensuration Subsystem (CAMS) master data file from the interactive system data base.					
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1. PROGRAM DESCRIPTIONS

1.1 MARQTY1.FTN

This program reads and performs calculations on an output file (CAMREP.US) of the Crop Assessment Subsystem (CAS) interactive system. This program, as well as CAMDATA1.FTN, is written in Fortran IV Plus to operate on the Programmed Data Processor, model 11/45 (PDP 11/45), computer under the Resource Sharing Executive, model 11D (RSX-11D), operating system. The CAS output file, CAMREP.US, is created during an aggregation and consists of the Classification and Mensuration Subsystem (CAMS) segments, crop estimates, and other data. There are no inputs to the program other than a file with the name CAMREP.US. (A program functional flowchart is presented in figure 1.)

1.2 CAMDATA1.FTN

This program reads and performs calculations on the CAMS master data file (CAMREP78.USW) of the CAS interactive system. This file must be available and renamed CAMDATA.IN. The input file contains all CAMS segment classification results as well as biostage, evaluation code, and classification data information. There are two requirements for the running of this program. First, a file with the name CAMDATA.IN must be available. Secondly, upon execution the program will prompt if the user wishes a complete dump of the file. A response of "Y" will give a total listing of the contents of CAMDATA.IN. If the user responds with an "N" the listing will be suppressed, and only a summary of this file will be output. This summary is listed for either a "Y" or an "N" user response. (A program functional flowchart is presented in figure 2.)

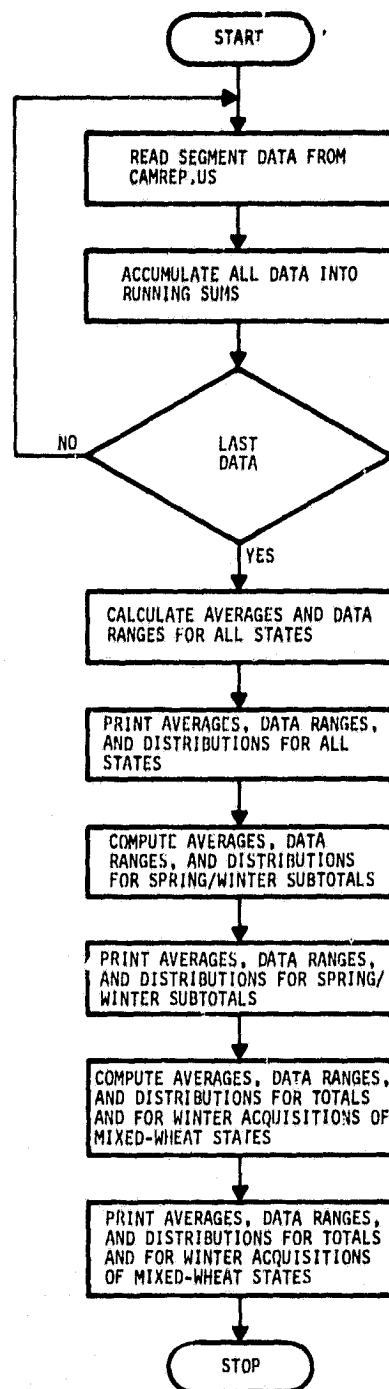


Figure 1.— Program functional flowchart for MARQTY1.FTN.

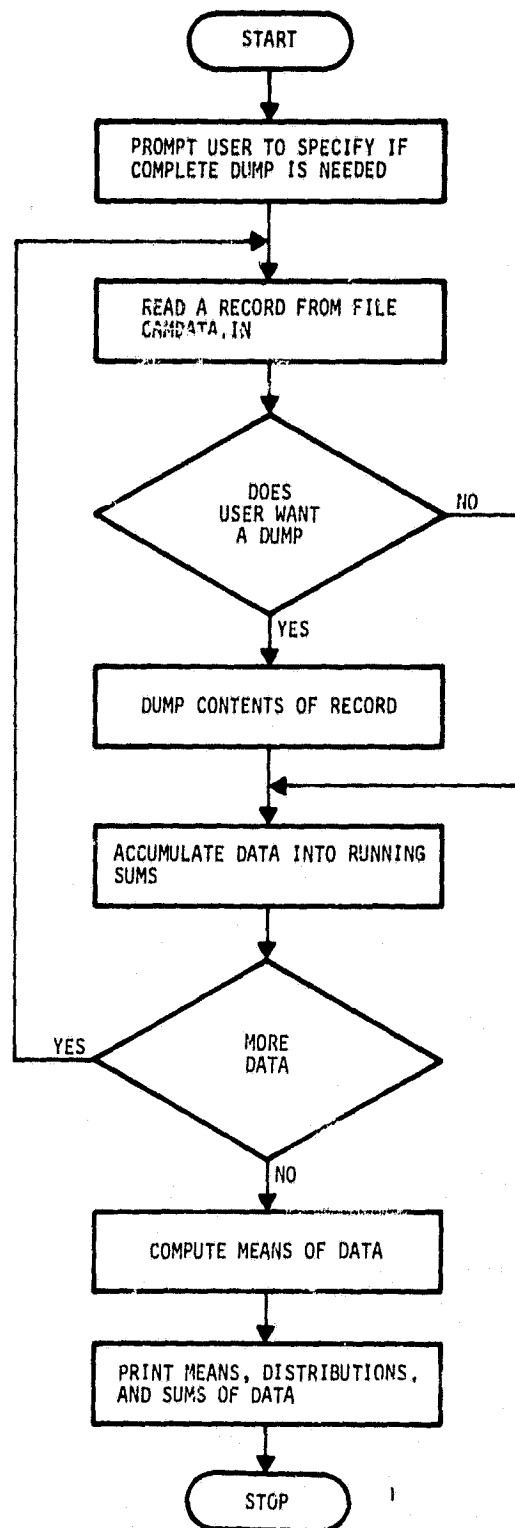


Figure 2.— Program functional flowchart for CAMDATA1.FTN.

2. OUTPUT DESCRIPTIONS

2.1 MARQTY1.FTN

This program computes and outputs to the Gould printer the following quantities:

<u>Quantity</u>	<u>Heading label</u>
Number of lines read from CAMREP.US (For every state)	—
State name	—
Total number of spring and winter segments for the given state	SPRING SEGS WINTER SEGS
Number of spring and winter segments designated 100 percent other	SPRING OTHER WINTER OTHER
Total and average of spring and winter ratioed wheat for all segments of that state	WHT (RATIOED)
Total and average number of days between last segment acquisition and classification date	PROCESSING TIME
Average for the last segment acquisition date for all segments	AVE LAST ACQ DATE
Percentage of ratioed wheat in the segment with the least percentage of ratioed wheat	MIN PCT WHT (RATIOED)
Percentage of ratioed wheat in the segment with the largest percentage of ratioed wheat	MAX PCT WHT (RATIOED)
Earliest acquisition date	EARLIEST ACQ DATE
Latest acquisition date	LATEST ACQ DATE

21
4

<u>Quantity</u>	<u>Heading label</u>
Distribution and percent distribution of latest acquisitions with respect to evaluation code	EVALUATION CODE DISTRIBUTION
Distribution and percent distribution of latest acquisition with respect to acquisition month	ACQUISITION AND % DISTRIBUTION
Distribution and percent distribution of CAMS data with respect to the CAMS estimate	DISTRIBUTION AND % DISTRIBUTION OF CAMS DATA
Distribution of processing times for segments in weeks	DISTRIBUTION OF SEGMENT PROCESSING TIMES (WEEKS)

The quantities mentioned above are then totaled for (1) all spring acquisitions, (2) all winter acquisitions, (3) sum of all acquisitions, and (4) winter acquisitions of mixed states (South Dakota and Montana).

2.2 CAMDATA1.FTN

If the program user responds with a "Y" to the cathode-ray tube (CRT) prompt, the following information will be printed on the Gould printer for every segment in CAMDATA.IN:

<u>Segment No.</u>	<u>Description</u>
1	Record number
2	Segment number
3	Crop type (1 = spring, 2 = winter, 3 = mixed)
4	Classification biostage
5	Evaluation code
6	Classification date

<u>Segment No.</u>	<u>Description</u>
7	Number of acquisitions
8-11	Acquisition dates and biostages
12	% spring wheat
13	% winter wheat
14	% small grains
15	% spring small grains
16	% winter small grains
17	% winter wheat (ratioed)
18	% spring wheat (ratioed)
19	% thresholded
20	% other
21	% unidentifiable
22	Latest acquisition in packet
23	Winter wheat biostage adjustment
24	Spring wheat biostage adjustment

The following is the data summary which is output:

<u>Quantity</u>	<u>Heading label</u>
Total number of winter segments with CAMS estimates	WINTER SEGS
Total number of spring segments with CAMS estimates	SPRING SEGS
Average CAMS estimate over all spring segments	AVE SPRING
Average CAMS estimate over all winter segments	AVE WINTER

Quantity

Distribution of all acquisitions
with respect to evaluation code

Distribution of all acquisitions
with respect to month of
acquisition

Heading label

EVALUATION CODE DISTRIBUTION

ACQUISITION MONTH
DISTRIBUTION

2-4
7

3. COMPILED LISTING OF MARQTY1.FTN

[illegible]

```

0034 1785 F0RMA7 ((14,15,12,12,13,16,12, 42(16,12) * 10F0.1 216,213) )
0039 1790 CONTINUE
0040 GO 1900 J01,5
0041 IF (ISF00(J),LT,1360 TO 1900
0042 IF (L11V4(J)
0043 IF (JEVAL(J),LE,20)IND=JEVAL(J)/10+1
0044 IF (JEVAL(J),GE,30)IND=3 + (JEVAL(J)-28)/2
0045 IF (TYPE(J),EQ,1)SPR=SPR+PERCENT(J,1)
0046 IF (TYPE(J),EQ,2)X1=2+PERCENT(J,2)
0047 IF (TYPE(J),EQ,3)SPR=SPR+PERCENT(J,1)
0048 IF (TYPE(J),EQ,3)X1=X1+PERCENT(J,2)
0049 IF (TYPE(J),EQ,1)SPR=SPR+1
0050 IF (TYPE(J),EQ,2)X1=X1+1
0051 IF (TYPE(J),EQ,3)SPR=SPR+1
0052 IF (TYPE(J),EQ,3)X1=X1+1
0053 IF (TYPE(J),LT,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0054 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0055 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0056 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0057 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0058 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0059 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0060 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0061 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0062 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0063 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0064 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0065 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0066 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0067 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0068 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0069 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0070 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0071 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0072 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0073 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0074 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0075 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0076 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0077 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0078 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0079 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0080 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0081 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0082 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0083 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0084 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1
0085 IF (TYPE(J),EQ,3)JEVAL(17,IND)=JEVAL(17,IND)+1

```

SWINNEY 4-9251

ATTN: YES

5125

23-977

537-413VA

54-10000

3-3

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FUNCTIONS AND SUBROUTINES REFERENCED
ASSIGN

TOTAL SPACE ALLOCATED = 052540 10936
CAPDATA1,LP1SCAPDATA1,FTN

4. COMPILED LISTING OF CAMDATA1.FTN

FCRTMAN, IV-PLUS V02-51 141010105 23-04V-76 PAGE 1
MARCIVL.FIN /N:LOCVS-9

```

0001 DIMENSION TOTALS(10,2,13),PCTNT(10),RANGE(10,2,4,2)
0002 DIMENSION WICAM(10),XITF(10),CAMHIX(10)
0003 DIMENSION DEPT(2),PLANT(10,2,24),PCTNT3(4,24)
0004 DIMENSION DEPT(2),PLANT(10,2,24),PCTNT3(4,24)
0005 DIMENSION ICAL(12,12,16),CAMP(12,12,16),ITIME(2,12,16)
0006 DIMENSION ICAL(12,12,16)
0007 DIMENSION AVE(10,2,5),AVE2(9,2,5),IOIGI(9,2)
0008 DIMENSION WAT(10,2,24),REVAL(4,9),TOTM(10),ELAP(4)
0009 DIMENSION ICOT(4)
0010 DIMENSION ACT(10),MANGED(4,2),ANAME(4),MANGEL(4,2)
0011 DIMENSION IPATE(10),ISTAGE(10),ICOUNT(10,2)
0012 DIMENSION STATES(9)
0013 DIMENSION WAT(10,2,24),MONTH(24),ICATE1(10,2,24)
0014 DIMENSION REVAL(10,2,24)
0015 DATA WAT-1 / 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220,1221,12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22,2223,2224,2225,2226,2227,2228,2229,2230,2231,2232,2233,2234,2235,2236,2237,2238,2239,2240,2241,2242,2243,2244,2245,2246,2247,2248,2249,2250,2251,2252,2253,2254,2255,2256,2257,2258,2259,2260,2261,2262,2263,2264,2265,2266,2267,2268,2269,2270,2271,2272,2273,2274,2275,2276,2277,2278,2279,2280,2281,2282,2283,2284,2285,2286,2287,2288,2289,2290,2291,2292,2293,2294,2295,2296,2297,2298,2299,2300,2301,2302,2303,2304,2305,2306,2307,2308,2309,2310,2311,2312,2313,2314,2315,2316,2317,2318,2319,2320,2321,2322,2323,2324,2325,2326,2327,2328,2329,2330,2331,2332,2333,2334,2335,2336,2337,2338,2339,2340,2341,2342,2343,2344,2345,2346,2347,2348,2349,2350,2351,2352,2353,2354,2355,2356,2357,2358,2359,2360,2361,2362,2363,2364,2365,2366,2367,2368,2369,2370,2371,2372,2373,2374,2375,2376,2377,2378,2379,2380,2381,2382,2383,2384,2385,2386,2387,2388,2389,2390,2391,2392,2393,2394,2395,2396,2397,2398,2399,2400,2401,2402,2403,2404,2405,2406,2407,2408,2409,2410,2411,2412,2413,2414,2415,2416,2417,2418,2419,2420,2421,2422,2423,2424,2425,2426,2427,2428,2429,2430,2431,2432,2433,2434,2435,2436,2437,2438,2439,2440,2441,2442,2443,2444,2445,2446,2447,2448,2449,2450,2451,2452,2453,2454,2455,2456,2457,2458,2459,2460,2461,2462,2463,2464,2465,2466,2467,2468,2469,2470,2471,2472,2473,2474,2475,2476,2477,2478,2479,2480,2481,2482,2483,2484,2485,2486,2487,2488,2489,2490,2491,2492,2493,2494,2495,2496,2497,2498,2499,2500,2501,2502,2503,2504,2505,2506,2507,2508,2509,2510,2511,2512,2513,2514,2515,2516,2517,2518,2519,2520,2521,2522,2523,2524,2525,2526,2527,2528,2529,2530,2531,2532,2533,2534,2535,2536,2537,2538,2539,2540,2541,2542,2543,2544,2545,2546,2547,2548,2549,2550,2551,2552,2553,2554,2555,2556,2557,2558,2559,2560,2561,2562,2563,2564,2565,2566,2567,2568,2569,2570,2571,2572,2573,2574,2575,2576,2577,2578,2579,2580,2581,2582,2583,
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0050 TOTALS(ISTATE,ICOL,0)=TOTALS(ISTATE,ICOL,0)+PERCENT(0)
0051 IF(PERCENT(1),GT,RANGE(ISTATE,ICOL,3,1))RANGE(ISTATE,ICOL,3,1) =
1 PERCENT(1)
0052 IF(PERCENT(1),LT,RANGE(ISTATE,ICOL,3,2))RANGE(ISTATE,ICOL,3,2) =
1 PERCENT(1)
0053 IF(ICOL,GT,1350 TO 2000
TOTALS(ISTATE,2,3)=TOTALS(ISTATE,2,3)+PERCENT(3)
0054 TOTALS(ISTATE,2,5)=TOTALS(ISTATE,2,5)+PERCENT(5)
0055 TOTALS(ISTATE,2,7)=TOTALS(ISTATE,2,7)+PERCENT(7)
0056 IF(PERCENT(7),GT,RANGE(ISTATE,2,2,1))RANGE(ISTATE,2,2,1)=PERCENT(7)
0057 IF(PERCENT(7),LT,RANGE(ISTATE,2,2,2))RANGE(ISTATE,2,2,2)=PERCENT(7)
0058 GO TO 2200
0059 CONTINUE
0060 TOTALS(ISTATE,1,2)=TOTALS(ISTATE,1,2)+PERCENT(2)
0061 TOTALS(ISTATE,1,4)=TOTALS(ISTATE,1,4)+PERCENT(4)
0062 TOTALS(ISTATE,1,6)=TOTALS(ISTATE,1,6)+PERCENT(6)
0063 IF(PERCENT(6),GT,RANGE(ISTATE,1,1,1))RANGE(ISTATE,1,1,1)=PERCENT(6)
0064 IF(PERCENT(6),LT,RANGE(ISTATE,1,1,2))RANGE(ISTATE,1,1,2)=PERCENT(6)
0065 2200 CONTINUE
0066 IF(COL,GT,1)
0067 IF(COL,GT,1)
0068 IF(COL,GT,1)
0069 IF(COL,GT,1)
0070 IF(COL,GT,1)
0071 IF(COL,GT,1)
0072 IF(COL,GT,1)
0073 IF(COL,GT,1)
0074 IF(COL,GT,1)
0075 IF(COL,GT,1)
0076 IF(COL,GT,1)
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0078 IF(COL,GT,1)
0079 IF(COL,GT,1)
0080 IF(COL,GT,1)
0081 IF(COL,GT,1)
0082 IF(COL,GT,1)
0083 IF(COL,GT,1)
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0086 IF(COL,GT,1)
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0090 IF(COL,GT,1)
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0092 IF(COL,GT,1)
0093 IF(COL,GT,1)
0094 IF(COL,GT,1)
0095 IF(COL,GT,1)
0096 IF(COL,GT,1)
0097 IF(COL,GT,1)
0098 IF(COL,GT,1)
0099 IF(COL,GT,1)
0100 IF(COL,GT,1)
0101 IF(COL,GT,1)
0102 IF(COL,GT,1)

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0165 TOTALS(J,2,7) = TOTALS(J,2,7)
0166 TOTALS(J,2,7) = TOTALS(J,2,7)
0167 IF(J, EQ, 3, 5, 6) TOTALS(J,2,7) = TOTALS(J,2,7)
0168 TOTALS(J,2,7) = TOTALS(J,2,7)
0169 ELAPY(1) = ELAPY(1) + TOTALS(J,1,12)
0170 ELAPY(2) = ELAPY(2) + TOTALS(J,2,12)
0171 ELAPY(3) = ELAPY(3) + TOTALS(J,3,12)
0172 IF(J, EQ, 4, 5, 6) ELAPY(4) = ELAPY(4)
0173 TOTALS(J,2,12)
0174 ACTIVITY = ACTIVITY(1) + TOTALS(J,1,13)
0175 ACTIVITY = ACTIVITY(2) + TOTALS(J,2,13)
0176 IF(J, EQ, 4, 5, 6) ACTIVITY(4) = ACTIVITY(4) + TOTALS(J,2,13)
0177 TOTALS(J,2,13)
0178 CONTINUE
0179 DO 5900 J=1,2
0180 IF(RANGE(J,4,4,1), GT, RANGE(3,1)) RANGE(3,1)
0181 IF(RANGE(J,4,4,1), LT, RANGE(3,2)) RANGE(3,2)
0182 IF(RANGE(J,4,4,1), GT, RANGE(4,1)) RANGE(4,1)
0183 IF(RANGE(J,4,4,1), LT, RANGE(4,2)) RANGE(4,2)
0184 IF(RANGE(J,4,4,1), GT, RANGE(3,1)) RANGE(3,1)
0185 IF(RANGE(J,4,4,1), LT, RANGE(3,2)) RANGE(3,2)
0186 IF(RANGE(J,4,4,1), GT, RANGE(4,1)) RANGE(4,1)
0187 IF(RANGE(J,4,4,1), LT, RANGE(4,2)) RANGE(4,2)
0188 CONTINUE
0189 DO 5900 J=1,2
0190 IF(RANGE(J,2,2,1))
0191 IF(RANGE(J,2,2,1))
0192 IF(RANGE(J,2,2,1))
0193 IF(RANGE(J,2,2,1))
0194 IF(RANGE(J,2,2,1))
0195 IF(RANGE(J,2,2,1))
0196 IF(RANGE(J,2,2,1))
0197 IF(RANGE(J,2,2,1))
0198 IF(RANGE(J,2,2,1))
0199 IF(RANGE(J,2,2,1))
0200 IF(RANGE(J,2,2,1))
0201 IF(RANGE(J,2,2,1))
0202 IF(RANGE(J,2,2,1))
0203 IF(RANGE(J,2,2,1))
0204 IF(RANGE(J,2,2,1))
0205 IF(RANGE(J,2,2,1))

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SIZE	4-020344	000000	10	(4,2)
SE	4-010110	000020	8	(2,2)
AGE	4-003470	000020	8	(2,2)
STATES	4-020274	000004	10	(9)
TC	4-010130	000040	10	(3,2)
TOTALS	4-000000	002020	520	(10,2,13)
TCFH	4-020173	000020	8	(4)

LABELS

LABEL	ADDRESS	LABEL	ADDRESS	LABEL	ADDRESS	LABEL	ADDRESS
1200	..	1500	1-000374	1800	..	2000	1-001552
2200	1-001570	3000	1-002530	3100	3-000000	3200	1-003582
3300	1-003672	4000	1-003602	4650	..	4700	3-000100
4800	3-003304	4850	3-003624	4900	3-000002	4950	3-000130
4950	3-003622	5000	..	5100	3-000124	5150	..
5200	..	5300	1-001034	5400	..	5450	..
5500	3-001484	5550	1-001510	5600	1-001030	5650	..
5700	3-001484	5750	3-001770	5800	3-000104	5850	3-000234
5900	3-002460	6000	3-002572	6100	..	6150	..

FUNCTIONS AND SUBROUTINES REFERENCED

ASSIGN SAPAXI 54-141

TOTAL SPACE ALLOCATED = 041250 8532

NAME: V1.LPTREMGV1.FIN